



Department of Defense INSTRUCTION

NUMBER 4165.3

October 24, 1978

Administrative Reissuance Incorporating Change 1, July 5, 1979

ASD(MRA&L)

SUBJECT: Department of Defense Facility Classes and Construction Categories

Reference: (a) DoD Instruction 4165.3, subject as above, September 1, 1972 (hereby canceled)

1. REISSUANCE AND PURPOSE

1.1 This Instruction reissues reference (a) to include new Facility Classes and Construction Categories and to change the Unit of Measure or numerical code on a number of existing Facility Classes and Construction Categories.

1.2. This Instruction establishes uniform Facility Classes and Construction Categories together with a numerical code, for use in identification and classification of real property.

2. APPLICABILITY AND SCOPE

2.1. The provisions of this Instruction apply to the Military Departments and Defense Agencies (hereafter referred to as "DoD Components"), and shall be applied to planning and programming, budgeting, accounting, record keeping and reporting in the areas of construction, inventory, and maintenance (insofar as practicable) of real property.

2.2. This Instruction does not apply to rivers, harbors, and flood control projects (civil works) of the Department of the Army, nor to emergency construction accomplished by armed forces in direct support of combat operations.

3. REVISIONS

Revisions of and additions to the Facility Classes, Construction Categories, and the three-digit code numbers shown in enclosure E1. shall be submitted to the Assistant Secretary of Defense (Manpower, Reserve Affairs, and Logistics) for approval and inclusion in this Instruction. Such changes will be coordinated with the Assistant Secretary of Defense (Comptroller). A more detailed breakdown of the categories, and an extension of the numerical code by additional digits or other means may be made for internal use within the DoD Components.

4. EFFECTIVE DATE AND IMPLEMENTATION

This instruction is effective immediately. Forward 2 copies of the implementing documents to the Assistant Secretary of Defense (Manpower, Reserve Affairs and Logistics) within 120 days.



JOHN P. WHITE
Assistant Secretary of Defense
(Manpower, Reserve Affairs & Logistics)

Enclosures - 1

1. Facilities Classes and Construction Categories

E1. ENCLOSURE 1Facilities Classes and Construction Categories

	Facility Classes, Category Groups, and Basic Categories	Unit of Measure
1.	<u>Operational and Training Facilities</u>	
110	Airfield Pavements	
111	Airfield Pavements - Runways All runways, landing strips, helicopter landing pads, LTA landing mats.	SY
112	Airfield Pavements - Taxiways All taxiways.	SY
113	Airfield Pavements - Aprons Maintenance, parking, access, operational and other aprons.	SY
116	Airfield Pavements - Other All other miscellaneous airfield pavements such as aircraft washracks, compass swing bases, seaplane ramps.	SY
120	Liquid Fueling and Dispensing Facilities	
121	Aircraft Dispensing High and low speed normal fuel dispensing facilities.	GM
122	Marine Dispensing High and low speed normal fuel dispensing facilities.	GM
123	Land Vehicle Dispensing High and low speed normal fuel dispensing facilities.	OL
124	Operating Fuel Storage Immediate backup storage for dispensing facilities (exclude bulk, see 400 series) at airfield and other land and marine stations.	GA
125	POL Pipeline Pipeline, pumping stations, accessory equipment and appurtenances (exclude terminal and bulk storage tanks).	MI
126	Liquid Fuel and Dispensing - Other	OL

130	Communications, Navigational Aids and Airfield Lighting	
131	Communications - Buildings	SF
	Buildings for radio, radar, relay, telephone including globecom, base, net and similar operations. Exclude navigational and aviation aids.	
132	Communications - Other Than Buildings	EA
	Antenna system towers, communication control link facilities. Exclude navigation and aviation aids.	
133	Navigation and Traffic Aids - Buildings	SF
	Buildings to house air traffic control.	
134	Navigation and Traffic Aids - Other Than Buildings	EA
	Radar approach control, visual av aids, antenna systems, vaults, foundations, towers, beacons, and other structures which are non-ship related.	
135	Communication Lines	MI
	Marine cables, underground and over-head cables, open wire lines.	
136	Airfield Pavement Lighting	LF
	Lighting both sides and approaches for all airfield pavements. Exclude airfield perimeter lighting, street lighting and other general illumination (see 812).	
137	Ship Navigation & Traffic Aids - Buildings	SF
	Buildings to house sea traffic control.	
138	Ship Navigation and Traffic Aids - Other Than Building	EA
	Radar, antenna systems, vaults, foundations, towers, beacons and other structures which are ship related.	
140	Land Operational Facilities	
141	Operational - Buildings	SF
	All buildings which are non-ship related for housing operational and operational types of activities and equipment, including alert hangers, LTA hangers.	
142	Operational - Helium Plants and Storage	SF 1
	Facilities for receipt, storage in bulk processing and reprocessing, and dispensing of helium gas, including tanks, pipes, valves, valve chambers and similar appurtenant equipment and facilities.	
143	Ship & Other Operational - Buildings	SF
	All buildings which are ship related, for housing operational types of activities and equipment.	
148	Ship & Other Operational - Facilities Other Than Buildings	EA
	Facilities other than buildings, which are ship related, such as towers and structures in which or from which tactical and organizational type operations are performed or simulated for practice which do not fall readily into another category. Also, ship-related protective construction.	
149	Operational - Facilities Other Than Buildings	EA
	Facilities other than buildings, which are not ship related, such as towers, and structures in which or from which tactical and organizational type operations are performed or simulated for practice which do not fall readily into another category. Also, nonship-related protective construction.	

1. This unit of measure applies to buildings only.

150	Waterfront Operational Facilities	
151	Piers	FB
152	Wharfs	FB
153	Cargo Handling or Staging Areas	SY
154	Sea Walls, Bulkheads, Quay Walls	LF
155	Small Craft Berthing	FB
156	Cargo Handling Facilities/Buildings	SF
159	Other Waterfront Operational	EA
160	Harbor and Coastal Operational	
161	Harbor Protection Facilities	EA
162	Coastal Protection Facilities	EA
163	Moorings	EA
	Buoys, Dolphins, Mooring Platforms	
164	Marine Improvements	LF
	Groins, Levees, Jetties, Breakwaters, Moles	
165	Dredging	CY
	Original dredging not directly related to the specific construction of an item.	
169	Other Harbor and Coastal	EA
	Harbor and entrance control points, signal towers.	
170	Training Facilities	
171	Training Buildings	SF
	Classrooms and other special buildings in which instruction is given, or the design of which limits their use generally to instructional and training purposes.	
179	Training Facilities - Other Than Buildings	EA
	Structures on training courses, ranges, maneuver areas, including training mock-ups, and similar types facilities provided for or limited in use to training (do not include expendable targets, or airfield, waterfront and other facilities which fall readily into other categories).	
2.	<u>Maintenance and Production Facilities</u>	
210	Maintenance	
211	Maintenance - Aircraft	SF
	Facilities and shops for maintenance and repair of air frames and related assemblies and spares, aircraft engines and related spares and spare parts; other aircraft equipment and spares.	
212	Maintenance - Guided Missiles	SF
	Facilities and shops for maintenance and repair of guided missile systems and parts, ground handling and launching equipment.	
213	Maintenance - Ships, Spares	SF

- Ship-ways, ground ways, graving docks, marine railways, appurtenant shipyard facilities for maintenance and repair of vessels of all types, of floating cranes and dry docks, and of tracked amphibious vehicles such as LVT's. Do not include facilities principally for use in ship buildings and which fall readily in other categories, such as waterfront facilities, industrial facilities and administrative facilities.
- 214 Maintenance - Tank, Automotive SF
Facilities and shops for maintenance and repair of combat vehicles and non-combat vehicles including self-propelled gun carriages, ambulances and other motorized vehicles. Do not include weapons, tracked amphibious vehicles and construction equipment.
- 215 Maintenance - Weapons, Spares SF
Facilities and shops for maintenance and repair of small arms, automatic weapons, mortars, artillery, guns, launchers projectors (for arming ships, vehicles and aircraft), flame throwers, torpedo tubes, harbor protective nets, nonelectronic equipment. Do not include facilities for guided missile equipment.
- 216 Maintenance - Ammunition, Explosives, Toxics SF
Facilities and shops for maintenance and repair of ammunition, rockets, bombs, mines, grenades, torpedos, depth charges, demolition materials, pyrotechnics, ATO units, guided missile fuels, ammunition parts and related chemicals. Do not include facilities for guided bombs and commercial type petroleum products.
- 217 Maintenance - Electronics and Communication Equipment SF
Facilities and shops for maintenance and repair of radio and radar equipment, radiation aids, sonar equipment, transmission and reception equipment, guided bombs.
- 218 Maintenance - Facilities for Miscellaneous Procured Items and Equipment SF
Facilities and shops for maintenance and repair of:
(a) Petroleum products, non-petroleum fuel and lubricant and separately procured containers.
(b) Clothing, leather, textiles, tents, athletic equipment, gas masks, parachutes, life rafts, shoe lasts.
(c) Military type bridging, landing mats, metal posts, pipe and storage tanks, prefab buildings, construction supplies, mechanical and electrical equipment, all for temporary or war-time use.
(d) Railway rolling stock and parts, cranes, railway tools, signal equipment, maintenance of way equipment.
(e) Construction equipment such as power shovels, bulldozers, concrete mixers, earth moving trailers; and hand tools such as pneumatic drills, welding equipment, paint sprays; materials handling equipment such as movable conveyors, warehouse trucks, tractors, and trailers, fork lift trucks, stackers.
(f) Medical and dental instruments, furniture and equipment, X-ray equipment and film.
(g) Cameras, film, photographic equipment and supplies.
(h) Refrigerators, heating, plumbing, lighting and electrical equipment, furniture, office equipment, laundry and dry cleaning equipment, similar equipment for field use.
(i) Books, publications, reproduction.

Exclude:

	(a) Fuel for ATO, fuel cells.	
	(b) Bridge erection boats.	
	(c) Railroad track ties and accessories.	
	(d) Dump trucks, prime movers, installed conveyors and elevators.	
	(e) Ambulances.	
219	Maintenance - Installation, Repair and Operation Facilities and shops for maintenance, repair and overhaul of installation facilities and of installed shop and other equipment used in support of the maintenance-repair-operation function of military installations, including operation of utilities unless such a facility falls more readily in another category.	SF
220	Production	
221	Production - Aircraft Facilities for constructing and assembling new components, air frames and related assemblies and spares, aircraft engines and related spares and spare parts, other aircraft equipment and spares.	SF
222	Production - Guided Missiles Facilities for constructing and assembling new components, guided missile systems and parts, ground handling and launching equipment.	SF
223	Production - Ships, Spares Ship-ways, ground ways, graving docks, marine railways, appurtenant shipyard facilities for the construction of vessels of all types, of floating cranes and dry docks, and of tracked amphibious vehicles such as LVT's. Do not include facilities principally for use in ship maintenance and repair and which fall readily in other categories, such as waterfront facilities, maintenance facilities and administrative facilities.	SF
224	Production - Tank - Automotive Facilities for constructing and assembling new components, combat vehicles and noncombat vehicles including self-propelled gun carriages, ambulances and other motorized vehicles. Do not include weapons, tracked amphibious vehicles and construction equipment.	SF
225	Production - Weapons, Spares Facilities for constructing and assembling new components, small arms, automatic weapons, mortars, artillery, guns, launchers, projectors (for arming ships, vehicles and aircraft), flame throwers, torpedo tubes, harbor protective nets, nonelectronic equipment. Do not include facilities for guided missile equipment.	SF
226	Production - Ammunition, Explosives, Toxics Facilities for constructing and assembling new components, ammunition, rockets, bombs, mines, grenades, torpedos, depth charges, demolition materials, pyro-technics, NATO units, guided missile fuels, ammunition parts and related chemicals. Do not include facilities for guided bombs and commercial type petroleum products.	SF
227	Production - Electronics and Communications Equipment Facilities for constructing and assembling new components, radio and radar equipment, radiation aids, sonar equipment, transmission and reception equipment, guided bombs.	SF
228	Production - Facilities for Miscellaneous Procured Items and Equipment Facilities for constructing and assembling new components for:	SF

- (a) Petroleum products, non-petroleum fuel and lubricant and separately procured containers.
- (b) Clothing, leather, textiles, tents, athletic equipment, gas masks, parachutes, life rafts, shoe lasts.
- (c) Military type bridging, landing mats, metal posts, pipe and storage tanks, prefab building, construction supplies, mechanical and electrical equipment, all for temporary or war-time use.
- (d) Railway rolling stock and parts, cranes, railway tools, signal equipment, maintenance of way equipment.
- (e) Construction equipment such as power shovels, bulldozers, concrete mixers, earth moving trailers; and hand tools such as pneumatic drills, welding equipment, paint sprays; materials handling equipment such as movable conveyors, warehouse trucks, tractors and trailers, forklift trucks, stackers.
- (f) Medical and dental instruments, furniture and equipment, X-ray equipment and film.
- (g) Cameras, film, photographic equipment and supplies.
- (h) Refrigerators, heating, plumbing, lighting and electrical equipment, furniture, office equipment, laundry and dry cleaning equipment, similar equipment for field use.
- (i) Books, publications, reproduction.

Exclude:

- (a) Fuel for ATO, fuel cells.
- (b) Bridge erection boats.
- (c) Railway track ties and accessories.
- (d) Dump trucks, prime movers, installed conveyors and elevators.
- (e) Ambulances.

229	<p>Production - DoD Maintenance, Repair and Operation of Installations</p> <p>Plants and facilities for production and processing in support of the maintenance, repair and operations functions, at military installations, such as stone quarries, stone crushing plants, saw mills.</p>	EA
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3. Research, Development and Test Facilities

310	<p>Science Laboratories</p> <p>Buildings used directly in theoretical or applied research, development and testing operations related to basic research such as chemistry, materials, medical, biological, sonic, physics, geophysics, etc.</p>	SF
311	<p>Aircraft</p> <p>Buildings used directly in the research, development and testing of air frames and related assemblies and spares, and other aircraft equipment. Do not include aircraft or missile engines.</p>	SF
312	<p>Missile and Space</p> <p>Buildings used directly in the research, development and testing of missiles, missile system, related ground handling, and launching equipment, and other aerospace equipment.</p>	SF

313	Ship and Marine Equipment	SF
	Buildings used directly in the research, development and testing of ships and marine equipment and tracked amphibious vehicles.	
314	Tank and Automotive	SF
	Buildings used directly in the research, development and testing of tank and other automotive equipment.	
315	Weapons and Weapon Systems	SF
	Buildings used directly in the research, development and testing of small arms, automatic weapons, mortars, artillery, guns, launchers, projectors (for arming ships, vehicles, and aircraft), flame throwers, torpedo tubes, harbor protection, and non-electronic equipment. RD&T facilities for guided missiles and related items are included under category 312.	
316	Ammunition, Explosives and Toxics	SF
	Buildings used directly in the research, development and testing of ammunition, rockets, bombs, mines, grenades, torpedos, depth charges, demolition materials, pyrotechnics, ATO units, ammunition parts, and related chemicals. Do not include facilities for guided missiles, guided bombs, or commercial type petroleum products.	
317	Electronic, Communication and Electrical Equipment	SF
	Buildings used directly in the research, development and testing of radio and radar equipment, signal equipment, radiation aids, electrical equipment and its controls, transmitting and receiving equipment, avionics equipment, sonar, and guided bombs.	
318	Propulsion	SF
	Buildings used directly in the research, development and testing of propulsion hardware and appurtenances there to and propellant-type fuels.	
319	Miscellaneous Items and Equipment	SF
	Buildings used directly in the research, development and testing miscellaneous military equipment such as clothing, survival equipment, landing mats, military type bridging, hand tools, construction equipment, etc.	
320	Underwater Equipment	SF
	Buildings used directly in the research, development and testing of underwater equipment.	
321	Technical Services	SF
	Buildings used directly in RD&T manufacturing of one-of-a-kind prototype models and parts for systems or subsystems from wood, plastic, fiberglass and other materials by molding, casting, extruding and machining.	
371	Range Facilities	EA
	Structures used directly in research, development and testing of small arms, artillery, weapons systems, avionics, protection equipment, shelters, etc.	
390	Other Than Buildings.	EA
	Scientific structures and facilities other than buildings used directly in theoretical or applied research, development, and test operations related to such items as test tracks, wind tunnels, etc. Do not include structures and buildings used for normal maintenance, repair, and overhaul purposes.	

4. Supply Facilities

410	Liquid Storage - Fuel and Nonpropellants	BL
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411	Liquid Fuel Storage - Bulk	BL
	Depot, terminal and bulk type storage for POL, fuel oil, aviation gas and other liquid fuel including accessory piping.	
412	Liquid Storage Other Than Water, Fuel and Propellants	GA
	Tank storage for cottonseed oil, soybean oil, linseed oil and other nonfuel, nonpropellant liquids including accessory piping.	
420	Ammunition Storage	
421	Ammunition Storage - Depot and Arsenal	SF
	(a) Igloos, magazines (above and underground), storage pads for support of bulk storage mission.	
	(b) Storehouses for propellants storage, under explosive safety distances criteria, for support of bulk storage mission.	
422	Ammunition Storage - Installation and Ready-issue	SF
	(a) Igloos, magazines (above and underground), storage pads for day to day use in support of installation mission.	
	(b) Storehousing for propellants, under safety distances criteria, for day-to-day storage in support of installation mission.	
423	Ammunition Storage - Liquid Propellant	GA
	Facilities for receipt of bulk storage in tanks, and dispensing from storage of liquid propellants under explosive safety distances criteria including tanks, pipes, valves, valve chambers and similar appurtenant equipment and facilities.	
424	Weapon-Related Battery Storage	CF
	Refrigerated storehouses capable of maintaining temperature below - 10° F.	
425	Open Ammunition Storage Pad (Other)	SY
	Open storage of ammunition on pavements, prepared surfaces and/or stabilized areas (other than depot or installation).	
430	Cold Storage	
431	Cold Storage - Depot and In-Transit	CF
	Freeze and chill plants, cold and refrigerated warehouses and normal processing facilities combined therewith in support of bulk storage mission.	
432	Cold Storage - Installation and Ready-Issue	CF
	Freeze and chill plants, cold and refrigerated warehouses and normal processing facilities combined there-with for day-to-day storage in support of the installation mission.	
440	Storage - Covered	
441	Storage - Covered - Depot and Arsenal	SF
	(a) Warehouse, storehouse and garage types of storage completely enclosed by walls, together with heating, sprinkler and alarm systems for support of bulk storage mission.	
	(b) Shed storage not completely enclosed by walls, including alarms and other systems for support of bulk storage mission.	
	(c) Covered storage for inflammables, both warehouse and shed types, removed or set apart from other covered storage in accordance with criteria for storage of inflammables for support of bulk storage mission.	

442	Storage - Covered - Installation and Organizational	SF
	(a) Warehouse, storehouse and garage type storage completely enclosed by walls together with heating, sprinkler and alarm systems for day-to-day storage in support of installation mission.	
	(b) Shed storage not completely enclosed by walls, including alarm and other systems for day-to-day storage in support of installation mission.	
	(c) Covered storage for inflammables, both warehouse and shed types, removed or set apart from other covered storage in accordance with criteria for storage of inflammables for day-to-day storage in support of the installation mission.	
450	Storage - Open	SY
451	Storage - Open; Depot	
	Depot and in-transit open storage such as paved, prepared surface and stabilized areas for support of bulk storage mission.	
452	Storage - Open; Installation and Organizational	SY
	Open storage such as paved, prepared surface and stabilized areas for day to day storage in support of installation mission.	
5.	<u>Hospital and Medical Facilities</u>	
510	Medical Center/Hospital	BD
	Facilities providing for both in-patient and out-patient medical care. Additional specialty services provided as warranted by local medical mission or regional hospital designation.	
530	Laboratories	SF
	Laboratory, research facilities, veterinary, preventive medicine and other ancillary facilities.	
540	Dental Clinics	OU
	Facilities for dental care.	
550	Dispensaries/Clinic	SF
	Facilities primarily intended to provide emergency treatment and ambulatory services. A clinic may be equipped with beds for observation of patients awaiting transfer to a hospital.	
6.	<u>Administrative Facilities</u>	
610	Administrative Buildings	SF
	Headquarters and office type buildings to accommodate offices, professional and technical activities, business machines, records, files and administrative supplies for normal operation. Do not include warehouses for bulk storage of administrative records and supplies.	
620	Administrative Structures - Underground	SF
690	Administrative Structures - Other than buildings	EA
7.	<u>Housing and Community Facilities</u>	

710	Family Housing	BA
711	Family Housing - Dwellings Buildings to be used as family quarters including attached private garages.	FA
712	Family Housing - Trailers	FA
713	Family Housing - Trailer sites Trailer parking sites or pads with appurtenant site facilities.	FA
714	Family Housing - Detached Facilities Appurtenant private garages detached from family dwellings, but available to occupants.	SF
720	<i>Unaccompanied Personnel Housing</i>	
721	Unaccompanied Personnel Housing - Enlisted Personnel Public housing for unaccompanied enlisted personnel and comparable civilians such as barracks, dormitories, disciplinary barracks, detention barracks, facilities with or without mess and galley facilities (except club and club messing) and latrine and other facilities as applicable.	PN
722	<i>Unaccompanied Personnel Housing - Mess Facilities</i> Mess or galley facilities provided as a detached facility appurtenant to unaccompanied personnel housing including officers field ration or closed messes.	PN
723	<i>Unaccompanied Personnel Housing - Detached Facilities</i> Facilities appurtenant to unaccompanied personnel housing such as latrines, unit administrative and storage facilities and other facilities which are normally included as an integral part of permanent unaccompanied personnel housing but are usually provided as detached appurtenances to semipermanent and temporary personnel housing.	SF
724	<i>Unaccompanied Personnel Housing - Officers Quarters</i> Public housing for unaccompanied officers and comparable civilians. (Exclude club and club messing).	PN
725	<i>Unaccompanied Personnel Housing - Emergency</i> (a) Hutments for military housing or civilian housing. (b) Tent frames and floors for housing.	SF
730	Community Facilities - Personnel Support and Service Facilities for support of the personnel complement such as fire station, hose cart house, brig or guard house, bus or ticket station, police station, post office, bakery, laundry, dry cleaning plant, waiting and baggage facilities, chapel, classrooms, dependent school, or nursery.	SF
740	Community Facilities - Morale, Welfare and Recreational - Interior Indoor athletic, recreational and resale facilities such as bowling alleys, field house, gymnasium, swimming pool (indoor recreational), indoor firing range (for recreation), bank. EM service club, social and recreation building, billiard, pool and ping-pong tables, entertainment work shops, cafeteria (exchange), child day-care centers, sales store, branch exchange facilities, service station (exchange), main exchange or ships service store, maintenance shop (exchange), service outlets (exchange concessions), guest house, hobby shop, library, NCO or CPO, and Mess, officers club and open mess, post restaurant (civilian), theater or auditorium, Red Cross or YMCA building.	SF

750	Community Facilities - Morale, Welfare and Recreational - Exterior	EA
	Outdoor athletic and recreational facilities such as volley ball court, basketball court, softball diamond, baseball diamond, football or soccer field, tennis or badminton court, handball or squash court, golf driving range, golf course, swimming pool (outdoor recreational), stadium polo field, outdoor firing range for recreation, outdoor theatre or amphitheatre, boat and canoe pier or wharf (recreational), including associated bleachers or grandstands where appropriate.	
760	Museums and Memorials	EA
	Museums buildings, monuments, memorials and cemeteries.	
8.	<u>Utilities and Grounds Improvements</u>	
810	Electric Power	
811	Electric Power - Source	KV
	Plant building, generating equipment and prime movers including steam and gas turbines, diesel, natural gas and gasoline engines, and auxiliary equipment including switching station and fuel storage.	
812	Electric Power - Transmission and Distribution Lines	LF
	Power transmission and distribution lines including streetlighting and floodlighting (exclude airfield lighting).	
813	Electric Power - Substations and Switching Stations	KV
	Transformers, circuit breakers and other protection equipment and auxiliary equipment.	
820	Heat and Refrigeration (Air Conditioning)	
821	Heat - Source	MB
	Heating or powerplant (central or subcentral plant), including generation equipment for low, medium or high temperature water, low or high pressure steam, for heat, processing or power, including fuel storage.	
822	Heat - Transmission and Distribution Lines	LF
	Exterior transmission and distribution line and mains for central steam and hot water heating systems, under or above ground.	
823	Heat, Gas - Source	MB
	Central plant and building facilities and appurtenances, including connected fuel storage for plant operation, for generation and storage of gas for direct heating or as fuel for central plants, including plants for peak shaving and standby.	
824	Heat, Gas - Transmission	LF
	Exterior lines, mains and systems for transmission of gas for direct heating or as fuel for central plants.	

826	Refrigeration (Air Conditioning) - Source Chilled water plant facilities (central or subcentral plan - 25 tons capacity and over), other than cold storage.	TN
827	Chilled Water (Air Conditioning) - Transmission and Distribution Exterior transmission and distribution lines, under or above ground.	LF
830	Sewage and Waste	KG
831	Sewage and Industrial Waste - Treatment and Disposal Plant building, treatment plant, septic tank drain fields, outfall lines and facilities required for treatment and disposal of sewage and industrial waste; also disposal of storm drainage water in combined storm drainage water in combines storm and sanitary sewer systems.	KG
832	Sewage and Industrial Waste - Collection Collection systems and lines for sewage and industrial waste; also collection of storm drainage in combined storm and sanitary sewer systems.	LF
833	Refuse and Garbage Collection, processing and disposal facilities such as stands and incinerators and/or landfills where appropriate.	TN
840	Water	
841	Water - Supply, Treatment and Storage - Potable Wells, supply mains, pumping, treatment and filtration plant, plant building, tanks and storage for potable water.	KG
842	Water - Distribution System - Potable Distribution mains and lines and systems for potable water. Include fire hydrant and fire protection systems combined with potable water system.	LF
843	Water - Fire Protection Fire hydrants, mains, pumps and systems for fire protection systems not combined with potable water system, usually using salt or non-potable water.	LF
844	<i>Water - Supply, Storage - Nonpotable</i> Wells, tanks, reservoirs for irrigation systems, flushing systems and fire protection systems using nonpotable water.	KG
845	<i>Water - Distribution System - Nonpotable</i> Mains, pumps, distribution lines for irrigation systems, and flushing systems using nonpotable water (other than fire protection systems).	LF
850	Roads and Streets	
851	Roads Roads, streets, and incidental parking areas for vehicular traffic, including highway and vehicular bridges.	SY
852	Sidewalks and other pavement Walks and steps for pedestrian traffic including pedestrian bridges; separate parking lots, paved or stabilized areas for vehicular use.	SY
860	Railroad Tracks	MI

All two-rail tracks including spurs , sidings, yards, turnouts, with accessories and appurtenances including railroad bridges.

870	Ground Improvement Structures	
871	Grounds Drainage	LF
	Drainage and storm sewer system including appurtenant dikes, dams, and retaining walls.	
872	Grounds Fencing, Gates and Guard Towers	LF
	Boundary fence including walls, fencing, gates, watch towers, guard walks and guard shelters.	
880	Fire and Other Alarms Systems	BX
	Separate fire alarm systems, watch reporting or other alarm systems both local and central reporting types. (Do not include systems using normal telephone or telegraph installations.)	
890	Miscellaneous Utilities	SF1
	Miscellaneous central plants, systems, buildings and exterior lines and appurtenances including oxygen acetylene, compressed air and other exterior systems not reportable under any other category. Exclude POL pipelines.	
9.	<u>Real Estate</u>	
910	Land	
911	Land Purchase, Condemnation, Donation, or Transfer	AC
	Land, comprising the whole or a part of of military installation, <u>owned</u> in fee by Federal Government and under custody and accountability of the military department located in Continental United States, its Territories and Possessions. This includes land acquired by purchase, condemnation, donation, or transfer. Also include <u>reclaimed or accreted lands</u> if title is vested in the Federal Government and such lands are under custody and accountability of a military department.	
912	Public Domain Withdrawal (Applies only AC to Continental United States and Alaska)	AC
	Land acquired originally by withdrawal from public domain under jurisdiction of Department of the Interior, through Executive Order or Public Order, by a military department. This excludes public domain lands used under license or permit; such public domain lands will be included under category code 913.	
913	License or Permit	AC
	Land acquired for use under license or permit. Exclude land acquired by a withdrawal from public domain (912) or public land - Territories and Possessions (914).	

1. This Unit of measure applies to buildings only.

914	Public Land - Territories and Possessions	AC
	Public land of Territory or Possession acquired for either temporary or long-term use by Executive Order, permits, etc. This includes all public lands which would revert to the local government such as Organic Act land.	
920	Other Rights	
921	Easements	AC
	All easements in force and under control of the military departments. This includes clearance, utility, access, obstruction, avigation, restrictive, right-of-way, etc.	
922	In-lease	AC
	Land comprising the whole or a part of a military installation in-leased by a military department.	
923	Foreign Rights	AC
	All land under custody and accountability of a military department comprising a military installation in a foreign country or trust area except land included in categories 921 and 922. This includes land acquired by base rights agreement, by reciprocal aid agreements, by requisitions within occupied areas, etc.	
930	Improvements	
931	Buildings	SF
932	Site Improvement	SY
	Includes site clearing and grading, landscaping, etc.	
933	Demolition	EA
	Demolition of structures and of other obstructions and removal of debris there from and restoring site to usable condition.	
934	Site Improvement	CY
	Cut and fill.	
939	Other	EA
	For the purpose of the inventory, the improvements acquired will be classified according to their function.)	
10.	<u>Suspense Accounts</u>	

(No inventory codes; temporary accounts to be transferred eventually to inventory codes shown above.)

AC	Acres
BD	Hospital Beds, Normal Capacity
BL	Barrels, Capacity
BX	Boxes
CF	Cubic Feet
CY	Cubic Yards
EA	Each
FA	Family Unit
FB	Feet of Berthing
GA	Gallons, Capacity
GM	Gallons Per Minute, Capacity
KG	Thousand Gallons Per Day, Capacity
KV	Kilovolt-Amperes, Capacity (KVA)
LF	Lineal Feet
MB	British Thermal Units Per Hour, Capacity
MI	Miles, Statute
OL	Outlets, Number of
OU	Operating Units
PN	Persons, Designed Capacity
SE	Seats
SF	Square Feet
SY	Square Yards
TN	Tons, Capacity
VE	Vehicles

The Unit of Measure of "SF" will be the primary unit of measure for all buildings. Other units of measure will apply to facilities other than buildings and to buildings such as hospitals, dormitories, etc., when the designed capacity must also be described (e.g., beds, persons etc.). The use of the unit of measure of "EACH" is optional.